

IN THE CLAIMS:

Please cancel claim 9.

Please amend claims 1-3, 10-12, 16, and 21, as follows:

1. (Amended) A method for obtaining a transgenic embryo, comprising the steps of:
incubating an exogenous nucleic acid with a membrane-disrupted sperm head or a demembranated sperm head for a period of time to obtain a sperm head comprising an associated exogenous nucleic acid;
[co-inserting] microinserting the sperm head comprising the associated exogenous nucleic acid [an exogenous nucleic acid and a membrane-disrupted sperm head or a demembranated sperm head] into an unfertilized oocyte to form a transgenic fertilized oocyte; and
allowing the transgenic fertilized oocyte to develop into a transgenic embryo.
2. (Amended) The method of claim 1, wherein the [coinserting] microinserting step is accomplished by piezo-electrically actuated microinjection.
3. (Amended) The method of claim 2, wherein the exogenous nucleic acid and the membrane-disrupted sperm head are [coinjected] microinserted into the cytoplasm of the unfertilized oocyte.

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10. (Amended) The method of claim [9] 1, wherein the incubating [first] time period is about 30 seconds to about 5 minutes.

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11. (Amended) The method of claim *10*, wherein the incubating [first] time period is about 45 seconds to about 3 minutes.

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12. (Amended) The method of claim *11*, wherein the incubating [first] time period is about 1 minute to about 2 minutes.